

**CLAIMS**

1. Water-soluble salt tablets, comprising between 97.5% and 98.8% of NaCl, iodine, K ions, Ca ions and Mg ions, the ions being present as the chlorides and/or sulphates thereof, characterized in that said tablets are formed from dehydrated granules having a particles size distribution between 0.8 mm and 1.1. mm and in that said Mg ions are present in an amount between 0.4% and 0.9%, the percentages being by weight on a dry basis
2. Water-soluble salt tablets according to claim 1, characterized by comprising between 0.3% and 0.8% of K ions, between 0.4% and 0.9% of Ca ions and between 0.00053% and 0.0012% of iodine, the percentages being by weight on a dry basis.
3. Water-soluble salt tables according to claims 1 or 2, characterized in that the same are of predetermined weight.
4. Tablets as claimed in claims 2 or 3, characterised in that said salt is natural integral sea salt for food use.
5. A method for producing water soluble tablets of a food-grade salt, characterised in that a salt whose composition is as specified in claims 1 or 2, is subjected firstly to grinding treatment and then to dehydration treatment to give a salt with particles having a particle size distribution between 0.8 mm and 1.1 mm, metered quantities of the salt obtained in this manner finally being subjected to compression treatment between 160 and 180 bar for a time between about 3 and 4 seconds to form the water soluble salt tablets.
6. A method as claimed in claim 5, characterised in that said salt dehydration treatment is effected in a hot air stream at a temperature of between about 170°C and 190°C.
7. A method as claimed in claims 5 or 6, characterised in that said dehydration treatment in hot air is by a fluidized bed drier fed with methane and with separate discharges for the spent air.